

TROPICAL CYCLONE 02B

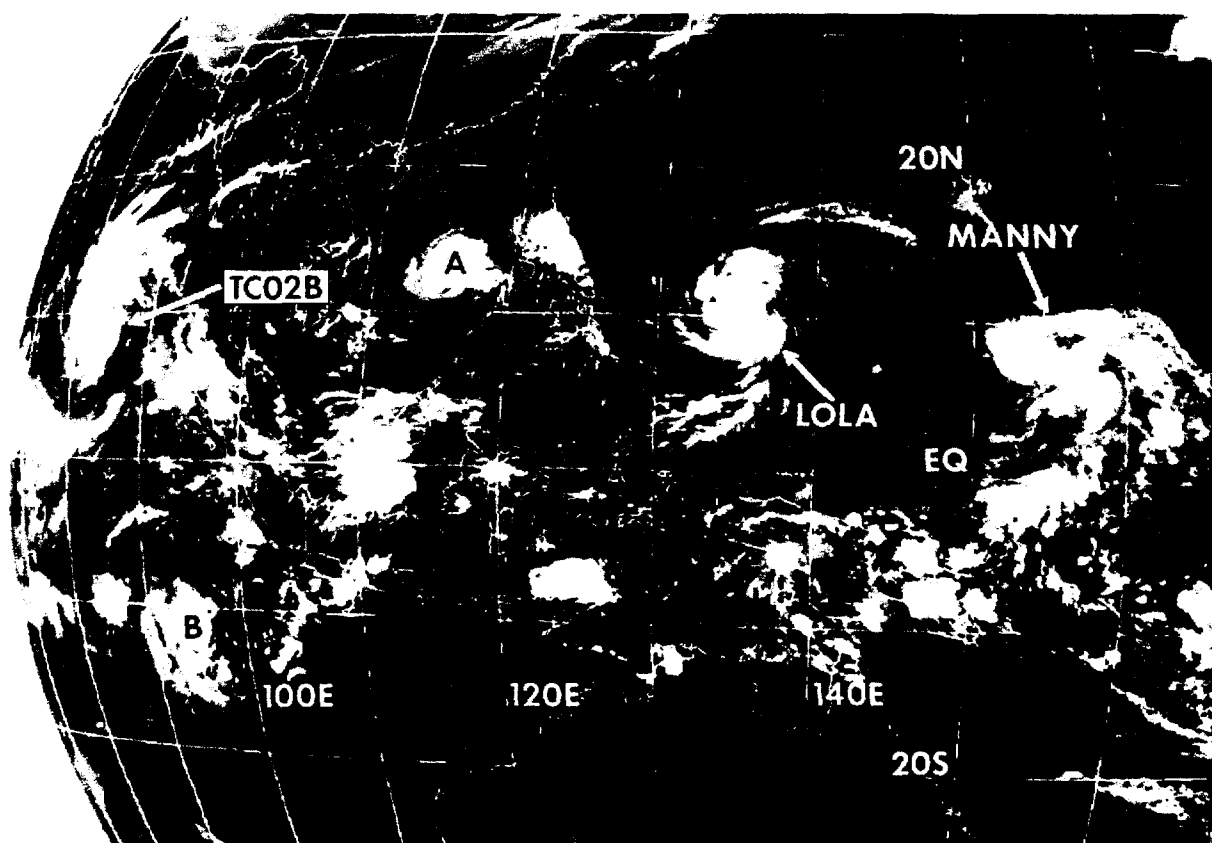


Figure 3-02B-1 TC 02B is part of a multiple storm outbreak that includes: Lola (35W) and Manny (36W) in the western North Pacific, and two tropical disturbances, (A) and (B), in the South China Sea and South Indian Ocean, respectively.

I. HIGHLIGHTS

The only significant tropical cyclone to affect the Bay of Bengal during 1993, Tropical Cyclone 02B (TC 02B), originated in the South China Sea. After passing over the Malay Peninsula, TC 02B tracked westward towards Sri Lanka and southern India while steadily intensifying. Before TC 02B passed over southern India and dissipated just off shore in the Arabian Sea, it became part of a multiple storm outbreak (Figure 3-02B-1).

II. CHRONOLOGY OF EVENTS

November

270600Z - An area of persistent convection, south of Vietnam, resulted in the first mention of the disturbance in the Significant Tropical Weather Advisory.

291630Z - A Tropical Cyclone Formation Alert was issued based on an increase in convection and synoptic data which indicated a weak surface cyclonic circulation.

301200Z - The first warning was issued based on a satellite intensity estimate of 25 kt (13 m/sec).

December

031200Z - Based on a satellite intensity estimate of 65 kt (33 m/sec), TC 02B was upgraded to typhoon intensity.

051800Z - The final warning was issued after TC 02B traversed southern India, entered the Arabian Sea, and dissipated.

III. IMPACT

None.

Captions:

Figure 3-01A-1 TC 01A in the central Arabian Sea is within 12 hours of reaching its peak intensity of 80 kt (41 m/sec) (140059Z November visible DMSP image).